

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 10 | Sergei near2 Sawitzki | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 07:20 |
| L2 | 4 | 1 and parallel near4 Viterbi same decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 07:20 |
| S1 | 8813 | Viterbi near2 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 18:49 |
| S2 | 0 | S1 and parallel and viderbi same decoder same pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 18:50 |
| S3 | 265 | S1 and parallel and viterbi same decoder same pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 18:50 |
| S4 | 48 | S3 and (plural\$4 same encoder) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 18:51 |
| S5 | 40 | S4 and convolution\$4 near4 encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 18:51 |
| S6 | 6 | S5 and merging\$5 same merging\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 18:52 |
| S7 | 4 | S5 and merg\$4 same output | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 18:55 |
| S8 | 3 | S7 and plural\$4 same decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 18:55 |

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|-----|---------|--|---|-----|----|------------------|
| S9 | 43 | (convolution\$4 near4 decod\$4 and parallel near4 viterbi adj decoder) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 19:18 |
| S10 | 7 | S9 and (viterbi or decoder) near4 pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 19:20 |
| S11 | 3 | S10 and plural\$4 near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 19:21 |
| S12 | 2 | S11 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/16 19:21 |
| S13 | 6675824 | (allocat\$4 distribut\$4 assign\$4 transfer\$4 give) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 19:00 |
| S14 | 1 | (allocat\$4 distribut\$4 assign\$4 transfer\$4 give) same parallel same viterbi same decoder near4 pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 19:05 |
| S15 | 164 | (allocat\$4 distribut\$4 assign\$4 transfer\$4 give) same parallel same viterbi | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 19:07 |
| S16 | 4 | (viterbi decod\$4 plural\$4 decoder pair symbol convolution\$4 encoder merg\$4 plural\$4 decoder decod\$4 bitstream) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 19:10 |
| S17 | 0 | (viterbi ane decoder).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 19:53 |
| S18 | 1379 | (viterbi and decoder).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 19:53 |

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|-----|----|--|---|-----|----|------------------|
| S19 | 2 | \$18 and plural\$4 same parallel same Viterbi same decoder same pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 19:54 |
| S20 | 6 | plural\$4 same parallel same Viterbi same decoder same pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 19:56 |
| S21 | 91 | parallel same Viterbi same decoder same pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 19:59 |
| S22 | 79 | S21 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 19:59 |
| S23 | 60 | S22 and allocat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 20:00 |
| S24 | 59 | S23 and path near5 metric | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 20:01 |
| S25 | 58 | S24 and updat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 20:01 |
| S26 | 58 | S25 and stage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 20:02 |
| S27 | 13 | S26 and plural\$4 near5 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 20:02 |
| S28 | 13 | S27 and merg\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 20:02 |

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|-----|----|---------------------------------|---|-----|----|------------------|
| S29 | 13 | S28 and output | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 20:02 |
| S30 | 1 | S29 and bitstream | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 20:03 |
| S31 | 13 | S29 and bit same stream | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/03/17 20:03 |
| S32 | 1 | S31 and wideband | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:26 |
| S33 | 1 | S31 and wide same band | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:26 |
| S34 | 13 | S31 and wide | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:27 |
| S35 | 13 | S34 and communication | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:27 |
| S36 | 13 | S35 and decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:27 |
| S37 | 1 | S36 and plural\$4 same parallel | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:27 |
| S38 | 13 | S36 and parallel same viterbi | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:28 |

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|-----|----|---|---|----|----|------------------|
| S39 | 13 | S38 and device | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:34 |
| S40 | 13 | S39 and convolution\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:34 |
| S41 | 13 | S39 and convolution\$4 same encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:35 |
| S42 | 13 | S41 and merg\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:35 |
| S43 | 13 | S42 and output | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:35 |
| S44 | 13 | S42 and output same decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:36 |
| S45 | 2 | S42 and output same decoder same bit\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:36 |
| S46 | 13 | S42 and output same decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:37 |
| S47 | 13 | S46 and allocat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:45 |
| S48 | 2 | allocat\$4 near5 pair near4 output near4 symbol | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:54 |

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|-----|-----|--|---|----|----|------------------|
| S49 | 32 | (allocat\$4 or transfer\$4 or distribute or generat\$4) near5 pair near4 output near4 symbol | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:55 |
| S50 | 6 | S49 and viterbi adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:55 |
| S51 | 206 | S18 and parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:58 |
| S52 | 5 | S50 and parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:58 |
| S53 | 5 | S52 and encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:58 |
| S54 | 5 | S53 and convolution\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 20:58 |
| S55 | 19 | 2003/0123579 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 21:22 |
| S56 | 2 | "20030123579" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 21:25 |
| S57 | 1 | S56 and parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 21:25 |
| S58 | 150 | parallel near4 viterbi near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 21:27 |

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|-----|-----|--|---|----|----|------------------|
| S59 | 11 | S58 and pair near4 output | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 21:27 |
| S60 | 8 | S59 and convolution\$5 near4 encoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 21:28 |
| S61 | 93 | ("20070205921" "5684811" "6075822" "6477680" "6622283" "6868521" "20020010895" "20030177431" "20050157823" "5721746" "6141384" "6734920" "6823489" "7006566" "20020154247" "20020154248" "20020172275" "6088405" "6560749" "7171609" "7206363" "20040153953" "20040264555" "20070274418" "5432803" "5825832" "5844945" "4583078" "6374387" "6449002" "6452984" "6744474" "6769080" "7096411" "20020036714" "20050120287" "20060026493" "5801182" "6115436" "6829297" "7130344" "20020186762" "20040091039" "20070220408" "6189126" "7003716" "20040128610" "6118816" "6034997" "5185747").pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 22:07 |
| S62 | 57 | S61 and viterbi near4 decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 22:07 |
| S63 | 2 | S62 and parallel near4 viterbi near4 decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 22:08 |
| S64 | 2 | "7382831".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 22:12 |
| S65 | 0 | S64 and parallel | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 22:13 |
| S66 | 706 | parallel same Viterbi adj decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 22:51 |

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|-----|------|---|---|----|----|------------------|
| S67 | 5 | S66 and pair near4 output near4 symbol | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 22:51 |
| S68 | 2039 | (viterbi adj decod\$4) same (comprising or including) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 22:58 |
| S69 | 20 | S68 and parallel adj viterbi adj decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 22:59 |
| S70 | 90 | parallel near4 viterbi adj decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:09 |
| S71 | 43 | S70 and convolutional near4 encoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:10 |
| S72 | 15 | S71 and viterbi.ti. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:10 |
| S73 | 40 | parallel adj viterbi adj decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:22 |
| S74 | 20 | S73 and convolution\$4 near4 encoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:23 |
| S75 | 22 | (parallel and viterbi and decoder).ti. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:40 |
| S76 | 164 | (parallel and viterbi and decoder).ab. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:45 |

EAST Search History

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|-----|-------|--|---|----|----|------------------|
| S77 | 35 | S76 and convolution\$5 near7 encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:45 |
| S78 | 35 | S77 and decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:46 |
| S79 | 7 | S78 and trellis same stage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:46 |
| S80 | 164 | S76 and (convolution\$5 encoder allocat\$4 viterbi decoder pair output symbol encoder merg\$4 plural bitstream bit stream trellis metric path update\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:55 |
| S81 | 32 | S80 and plural\$4 same decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/17 23:56 |
| S82 | 9487 | Viterbi near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:13 |
| S83 | 92898 | pair near4 output | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:14 |
| S84 | 5525 | convolution\$4 near4 encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:15 |
| S85 | 2036 | (merg\$4 or combin\$4 or join\$4 or unify\$4 or mix\$4 or merg\$4) same output same plural\$4 same decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:16 |
| S86 | 4 | S82 and S83 and S84 and S85 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:17 |

EAST Search History

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|-----|-----|--|---|----|----|------------------|
| S87 | 3 | S86 and parallel | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:21 |
| S88 | 168 | parallel near5 viterbi near4 decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:30 |
| S89 | 14 | S83 and S88 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:30 |
| S90 | 10 | S84 and S89 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:31 |
| S91 | 1 | S85 and S90 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:31 |
| S92 | 11 | S89 and (merg\$4 or combin\$4 or join\$4 or unify\$4 or mix\$4 or merg\$4) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 09:32 |
| S93 | 4 | S92 and output same plural\$4 same decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 10:42 |
| S94 | 150 | parallel near4 viterbi near4 decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 10:44 |
| S95 | 7 | S94 and (merg\$4 or combin\$4 or join\$4 or unify\$4 or mix\$4 or merg\$4) same output same plural\$4 same decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 10:45 |
| S96 | 4 | S95 and trellis | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 10:56 |

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|------|-----|--|---|----|----|------------------|
| S97 | 4 | S96 and (viterbi decod\$4 device allocat\$4 distribut\$4 assign transfer\$4 give pair symbol convolution\$4 encoder mergin\$4 output plural\$4 decoder decod\$4 bitstream) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 11:00 |
| S98 | 4 | S97 and (plural\$4 decoder trellis stage trellis two path metric updat\$4 once) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 12:03 |
| S99 | 556 | S85 and updat\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 12:03 |
| S100 | 2 | S98 and updated\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/18 12:03 |
| S101 | 2 | "7065696".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 21:40 |
| S102 | 1 | S101 and bit same stream | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 21:41 |
| S103 | 1 | S102 and plural\$4 same decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 21:44 |
| S104 | 1 | S103 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 21:44 |
| S105 | 1 | S104 and convolutional same encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 21:45 |
| S106 | 1 | S105 and decoder same pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 21:49 |

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|----------|-------|--|---|----|----|------------------|
| S10 7 | 6 | parallel near4 viterbi near4 decoder near4 pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 21:53 |
| S10 8 | 150 | parallel near4 Viterbi near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 21:59 |
| S10 9 | 67 | S108 and convolutional near4 encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 22:00 |
| S11 0 | 46 | S108 and convolutional near4 encoder same decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 22:00 |
| S11 1 | 9 | S110 and merg\$4 same output | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 22:00 |
| S11 2 | 40132 | (parallel and vitergi adn decoder).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 22:43 |
| S11 3 | 22 | (parallel and viterbi and decoder).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 22:44 |
| S11 4 | 4 | S113 and (pair or dual) near4 output | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 22:51 |
| S11 5 | 4 | S114 and decod\$4 near4 (bitstream or bit or output) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 22:53 |
| S11 6 | 1 | S115 and decod\$4 same bitstream | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 22:58 |

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|----------|--------|---|---|----|----|------------------|
| S11 7 | 4 | S115 and decode\$4 same bit same (stream or data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 23:00 |
| S11 8 | 4 | S117 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/19 23:06 |
| S11 9 | 5 | parallel same viterbi adj decoder and pair near4 output near4 symbol and convolution\$5 near2 encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/20 00:08 |
| S12 0 | 108098 | "375"/\$.cols. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:08 |
| S12 1 | 36 | S120 and parallel near4 viterbi adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:08 |
| S12 2 | 23 | S121 and convolution\$4 near4 encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:09 |
| S12 3 | 0 | S122 and decode\$4 near5 bitstream | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:09 |
| S12 4 | 0 | S122 and decode\$4 same bitstream | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:09 |
| S12 5 | 13 | S122 and decode\$4 same bit same stream | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:10 |
| S12 6 | 2 | S125 and plural\$4 near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:10 |

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| S12 7 | 1 | S126 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:10 |
| S12 8 | 0 | S120 and plural\$4 near4 parallel adj viterbi adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:15 |
| S12 9 | 0 | S120 and plural\$4 same parallel adj viterbi adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:15 |
| S13 0 | 1 | plural\$4 near4 parallel adj viterbi adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:15 |
| S13 1 | 1 | (plural\$4 or many or third) near4 parallel adj viterbi adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:16 |
| S13 2 | 40 | parallel adj viterbi adj decoders | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:17 |
| S13 3 | 1 | S132 and merg\$4 near4 output | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:17 |
| S13 4 | 4 | S132 and merg\$4 same output | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 16:17 |
| S13 5 | 40 | parallel adj viterbi adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 17:36 |
| S13 6 | 2 | S135 and output same bitstream | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 17:37 |

EAST Search History

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|----------|---------|---------------------------------------|---|----|----|------------------|
| S13 7 | 1039925 | S135 and output bit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 17:38 |
| S13 8 | 15 | S135 and output near4 bit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 17:38 |
| S13 9 | 11 | S138 and convolution\$5 near4 encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 17:51 |
| S14 0 | 8 | S139 and S139 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 17:52 |
| S14 1 | 41 | Parallel near Viterbi near3 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 18:14 |
| S14 2 | 24 | S141 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 18:44 |
| S14 3 | 0 | pair near4 parallel near3 decodewr | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 19:07 |
| S14 4 | 37 | pair near4 parallel near3 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 19:07 |
| S14 5 | 6 | S144 and viterbi near3 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 19:07 |
| S14 6 | 6 | S145 and parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 19:32 |

EAST Search History

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| S14 7 | 3 | S146 and trellis | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 19:32 |
| S14 8 | 2 | "7,065,696".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 19:45 |
| S14 9 | 2 | S148 and trellis | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 20:01 |
| S15 0 | 1 | S149 and path | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 20:08 |
| S15 1 | 0 | S149 and path same metric | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 20:08 |
| S15 2 | 0 | S149 and path same metrics | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 20:08 |
| S15 3 | 0 | S150 and updat\$4 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 20:10 |
| S15 4 | 1 | S134 and updat\$4 same path near5 metric | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 20:20 |
| S15 5 | 1123 | updat\$4 same path near5 metric | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 20:21 |
| S15 6 | 24 | S155 and parallel near4 viterbi near4 decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/28 20:21 |

EAST Search History

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| S15 7 | 777 | (merg\$4 or combin\$4 or unit\$4 or join\$4 or fus\$4) near5 output near5 decoder same decod\$4 near4 (bitstream or bit\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 14:17 |
| S15 8 | 71 | S157 and Viterbi near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 14:18 |
| S15 9 | 11 | S157 and parallel near4 Viterbi near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 14:18 |
| S16 0 | 0 | S159 and vonvolution\$4 near4 encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 14:18 |
| S16 1 | 7 | S159 and convolution\$4 near4 encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 14:19 |
| S16 2 | 8 | (merg\$4 or combin\$4 or unit\$4 or join\$4 or fus\$4) near5 output same parallel near4 Viterbi near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 14:22 |
| S16 3 | 8 | S162 and (parallel and viterbi) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 14:26 |
| S16 4 | 3 | S163 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:00 |
| S16 5 | 3 | S164 and parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:01 |
| S16 6 | 3 | S165 and stage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:02 |

EAST Search History

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|----------|---|--------------------------------------|---|----|----|------------------|
| S16 7 | 3 | S166 and pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:03 |
| S16 8 | 3 | S167 and encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:06 |
| S16 9 | 3 | S168 and decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:06 |
| S17 0 | 3 | S169 and clock | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:06 |
| S17 1 | 3 | S170 and path | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:07 |
| S17 2 | 3 | S170 and path same metric | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:07 |
| S17 3 | 1 | S172 and consecutive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:07 |
| S17 4 | 3 | S172 and identical | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:07 |
| S17 5 | 3 | S174 and convolution\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:12 |
| S17 6 | 3 | S174 and convolution\$4 same encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:12 |

EAST Search History

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|----------|-----|--|---|----|----|------------------|
| S17 7 | 1 | S176 and trellis near4 stage | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:13 |
| S17 8 | 3 | S176 and trellis same stage | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:13 |
| S17 9 | 3 | S178 and path same metric | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:13 |
| S18 0 | 3 | S179 and output | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:13 |
| S18 1 | 3 | S180 and output same (combin\$4 or merg\$4 or unit\$4 or join\$4 or fus\$4) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 15:14 |
| S18 2 | 6 | ("20040243908" "5042036" "5530707" "5935270" "6343105" "6539367").PN. OR ("7308640").URPN. | US_PGPUB; USPAT; USCOR | OR | ON | 2009/03/30 16:45 |
| S18 3 | 343 | parallel near4 viterbi | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 16:53 |
| S18 4 | 287 | S183 and decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 16:53 |
| S18 5 | 24 | S184 and plural\$4 near5 viterbi near2 decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 16:54 |
| S18 6 | 14 | S185 and trellis | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 16:54 |

EAST Search History

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|----------|-----|--------------------------------------|---|----|----|------------------|
| S18 7 | 89 | parallel adj viterbi adj decod\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 17:06 |
| S18 8 | 38 | plurality near4 parallel adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 18:05 |
| S18 9 | 38 | plurality near4 parallel adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 22:34 |
| S19 0 | 38 | plurality near4 parallel adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 22:35 |
| S19 1 | 3 | S190 and (viterbi) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 22:35 |
| S19 2 | 2 | S191 and encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 22:37 |
| S19 3 | 2 | S192 and parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 22:37 |
| S19 4 | 1 | S193 and trelli | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 22:37 |
| S19 5 | 1 | S193 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 22:38 |
| S19 6 | 739 | parallel same trellis same decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 22:38 |

EAST Search History

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|----------|-----|---|---|----|----|------------------|
| S19 7 | 222 | parallel same trellis same viterbi same decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/30 22:38 |
| S19 8 | 2 | "5414738".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:32 |
| S19 9 | 1 | S198 and updat\$4 same once | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:32 |
| S20 0 | 1 | S199 and output | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:34 |
| S20 1 | 1 | S200 and pair | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:34 |
| S20 2 | 1 | S201 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:35 |
| S20 3 | 1 | S202 and parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:35 |
| S20 4 | 1 | S203 and stage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:35 |
| S20 5 | 1 | S204 and encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:35 |
| S20 6 | 1 | S205 and convolution\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:35 |

EAST Search History

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| S20 7 | 0 | S206 and bitstream | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:36 |
| S20 8 | 0 | S206 and bit same stream | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:36 |
| S20 9 | 1 | S206 and bit | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:36 |
| S21 0 | 1 | S209 and path near4 metric | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 12:37 |
| S21 1 | 2 | "7065696".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 14:04 |
| S21 2 | 2 | "5414738".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 14:05 |
| S21 3 | 4 | S211 or S212 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 14:05 |
| S21 4 | 4 | S213 and trellis | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 14:05 |
| S21 5 | 2 | S214 and metric | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 14:05 |
| S21 6 | 0 | S214 and two near4 trellis near4 stage | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 14:05 |

EAST Search History

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|----------|---|-----------------------------|---|----|----|------------------|
| S21 7 | 1 | S214 and two near4 trellis | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 14:06 |
| S21 8 | 2 | "7065696".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:30 |
| S21 9 | 2 | "5414738".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:30 |
| S22 0 | 4 | S218 or S219 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:30 |
| S22 1 | 4 | S220 and trellis | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:30 |
| S22 2 | 1 | S221 and two near4 trellis | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:30 |
| S22 3 | 0 | S222 and bandwidth | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:30 |
| S22 4 | 0 | S222 and high\$4 same width | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:31 |
| S22 5 | 0 | S222 and high\$4 same band | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:31 |
| S22 6 | 1 | S222 and high\$4 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:31 |

EAST Search History

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|----------|-------|--|---|----|----|------------------|
| S22 7 | 3 | \$220 and high\$4 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:34 |
| S22 8 | 0 | \$220 and high\$4 same bandwidth | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:35 |
| S22 9 | 1 | \$220 and high\$4 same width | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 15:35 |
| S23 0 | 2 | "7065696".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:10 |
| S23 1 | 2 | "5414738".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:10 |
| S23 2 | 4 | \$230 or S231 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:10 |
| S23 3 | 1 | \$232 and high\$4 same width | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:10 |
| S23 4 | 0 | \$233 and higher near4 bandwidth | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:10 |
| S23 5 | 25205 | parallel same viterbi near4 decoder higher near4 bandwidth | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:11 |
| S23 6 | 0 | parallel same viterbi near4 decoder same higher near4 bandwidth | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:11 |

EAST Search History

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|----------|-------|---|---|----|----|------------------|
| S23 7 | 781 | parallel same viterbi near4 decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:11 |
| S23 8 | 101 | S237 and higher near4 bandwidth | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:12 |
| S23 9 | 1 | S238 and parallel adj viterbi adj decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:12 |
| S24 0 | 1 | S238 and parallel near4 viterbi adj decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:13 |
| S24 1 | 91 | parallel near4 viterbi adj decoder | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:14 |
| S24 2 | 24525 | higher near4 bandwidth | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:14 |
| S24 3 | 1 | S241 and S242 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:15 |
| S24 4 | 794 | higher near4 band near5 width | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:16 |
| S24 5 | 0 | S241 and S244 | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:16 |
| S24 6 | 305 | S237 and bandwidth | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:17 |

EAST Search History

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|----------|-----|---|---|----|----|------------------|
| S24 7 | 200 | \$237 and bandwidth same high\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:17 |
| S24 8 | 101 | \$237 and higher near4 bandwidth | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:19 |
| S24 9 | 109 | parallel near9 viterbi adj decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:20 |
| S25 0 | 1 | \$248 and S249 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:20 |
| S25 1 | 101 | \$248 and parallel same viterbi near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:21 |
| S25 2 | 4 | \$248 and parallel with viterbi near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:21 |
| S25 3 | 2 | "6393074".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:26 |
| S25 4 | 2 | S253 and parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:26 |
| S25 5 | 0 | S254 and bandwidth | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:28 |
| S25 6 | 0 | S254 and width | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:28 |

EAST Search History

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|----------|---|---|---|----|----|------------------|
| S25 7 | 0 | S254 and trellis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/05 22:28 |
| S25 8 | 2 | "5,583,500".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 05:54 |
| S25 9 | 2 | "7,065,696".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:15 |
| S26 0 | 0 | S259 and (TOM near4 decoder near2 group) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:18 |
| S26 1 | 0 | S259 and (TOM near4 decod\$4 near2 group) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:18 |
| S26 2 | 0 | S259 and (TOM near4 group) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:19 |
| S26 3 | 2 | S259 and QAM | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:19 |
| S26 4 | 1 | S259 and QAM same demapper | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:19 |

EAST Search History

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|----------|-------|--|---|----|----|------------------|
| S26 5 | 93 | ("20070205921" "5684811" "6075822" "6477680" "6622283" "6868521" "20020010895" "20030177431" "20050157823" "5721746" "6141384" "6734920" "6823489" "7006566" "20020154247" "20020154248" "20020172275" "6088405" "6560749" "7171609" "7206363" "20040153953" "20040264555" "20070274418" "5432803" "5825832" "5844945" "4583078" "6374387" "6449002" "6452984" "6744474" "6769090" "7096411" "20020036714" "20050120287" "20060026493" "5901182" "6115436" "6829297" "7130344" "20020186762" "20040091039" "20070220408" "6189126" "7003716" "20040128610" "6118816" "6034997" "5185747").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:57 |
| S26 6 | 151 | parallel near4 Viterbi near4 decoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:57 |
| S26 7 | 14007 | trellis or trellis near4 stage | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:58 |
| S26 8 | 5561 | convolution\$4 near4 encoder | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:58 |
| S26 9 | 53 | S266 and S267 and S268 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:59 |
| S27 0 | 2 | S265 and S269 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/13 06:59 |